

REMARKS

Claims 61-67 are pending in the present application. Claims 1-51 were previously canceled. Claims 52-60 are canceled herewith. No new matter has been added. Applicants respectfully request reconsideration of the claims in view of the following remarks.

Applicants acknowledge the Examiner's constructive election of Claims 61-67, as the invention of Group I. Applicants reserve the right to present and pursue withdrawn, and now canceled, Claims 52-60, directed to the invention of Group II, in a continuation or divisional application.

Claims 61-67 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Mandelman et al. (U.S. Patent No. 6,339,241, hereinafter "Mandelman"). Applicants respectfully traverse these rejections.

Independent Claim 61 recites a memory device with memory cells including a trench and various other required elements, including for example "...a plurality of wordlines extending along the rows of the array of memory cells, each wordline being electrically coupled to a gate of every other memory cell along the row..."

Applicants respectfully submit that the Mandelman reference relied upon does not show, teach or suggest the elements of Claim 61, and in particular, the above quoted elements of Claim 61. Accordingly, reconsideration and allowance are respectfully requested over the rejection.

Claims 62-67 are all dependent claims that recite additional required features on the device of independent claim 61. As each of these claims necessarily incorporates the features of Claim 61, each of these claims is also believed to be allowable over the reference. Reconsideration and allowance are therefore respectfully requested.

Claims 61-67 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Arnold et al. (U.S. Patent Application Publication No. 2004/0238868 A1, hereinafter "Arnold"), taken with Mandelman. Applicants respectfully traverse these rejections.

Claims 61-67 are believed to be allowable over the secondary reference, Mandelman, for the reasons given above. The primary reference in the proposed combination by the Examiner, Arnold et al, was co-owned by the owner of the present application at the time the inventions were made. A statement of common ownership of the Arnold application and the present application is attached hereto. Accordingly, under the provisions of 35 U.S.C. §103(c) the Arnold application is not available prior art under §103. Reconsideration and allowance over the rejection is therefore respectfully requested.

Applicants have made a diligent effort to place the claims in condition for allowance. However, should there remain unresolved issues that require adverse action, it is respectfully requested that the Examiner telephone Mark E. Courtney, Applicants' attorney, at 972-732-1001 so that such issues may be resolved as expeditiously as possible. No fee is believed due in connection with this filing. However, should one be deemed due, the Commissioner is hereby authorized to charge, or credit any overpayment, Deposit Account No. 50-1065.

Respectfully submitted,

Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Weis, et al. Docket No.: 02P15178US/INTECH 3.0-079
Serial No.: 10/774,827 Art Unit: 2822
Filed: February 9, 2004 Examiner: Trinh, Michael Manh
For: Line Mask Defined Active Areas for 8F2 DRAM Cells with Folded Bit Lines and Deep Trench Patterns

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF COMMON OWNERSHIP

At the time the invention of Application Serial No. 10/774,827 was made, both U.S. Application Serial No. 10/774,827 and U.S. Patent Application No. 10/447,065 (now U.S. Publication No. 2004/0238868 A1) were owned by, or subject to an obligation of assignment to, a common assignee.

Respectfully submitted,

January 8, 2006
Date

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